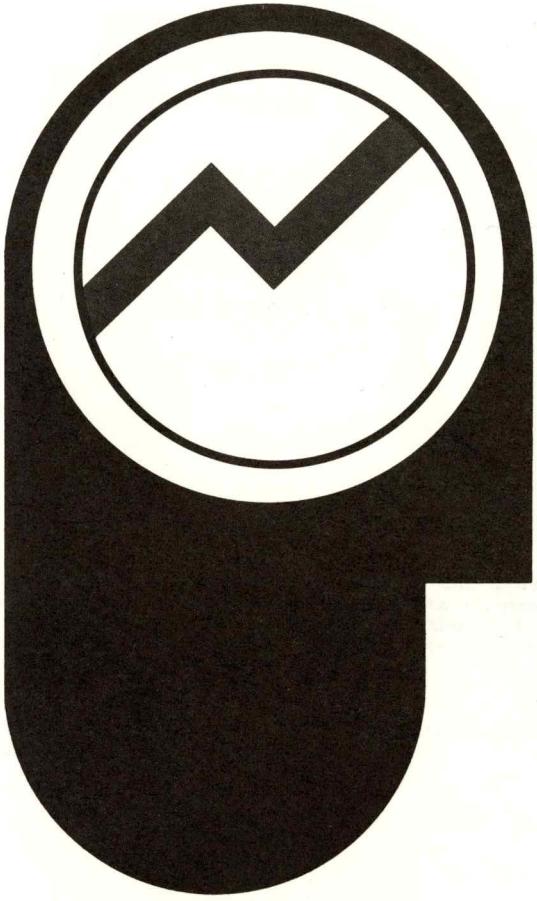
# CONCORDIA UNIVERSITY

## ARTS AND SCIENCE
## ECONOMICS



1989-90

DEPARTMENT OF ECONOMICS

LOYOLA CAMPUS

SIR GEORGE WILLIAMS CAMPUS

# E C O N O M I C S

1989-90

This guide has been prepared months in advance of the 1989-90 academic year and information contained herein is subject to change. The Guide covers the description of courses offered in the 1989-90 academic year. Other courses listed in the calendar but not listed here are offered occasionally.

Students are advised not to purchase any texts without the approval of the department or professor concerned.

## FORWARD

The Concordia Department of Economics, in its present capacity, offers three types of programmes -- undergraduate, Master's and Doctoral degree programs - to students interested in specializing in economics and related disciplines. The current structure of our Undergraduate program allows for a variety of choices: it includes Honours, Specialization, Major, and Minor programs for degrees in both the Faculty of Arts and Science and the Faculty of Commerce and Administration. The most recent addition to the undergraduate programme is the Honours and Specialization programmes in the Co-operative education format in conjunction with the Institute for Co-operative Education. Students are thereby trained in both theory and practice. The work terms give them direct experience of professional employment and, combined with a solid academic education, greatly add to their chances of finding a good remunerative job after graduation.

The Department has a dedicated faculty and support staff based on both the Loyola and Sir George Williams campuses. Students can avail themselves of the Department's computer facilities, the services of two Department Advisors (one at Loyola, and the other at Sir George), as well as the facilities offered by the Economic Students Association. The Association offers students extra-curricular activities such as seminars, visiting speakers on important current issues, ski trips, as well as acting as a link between the students and the faculty.

Since its birth more than 40 years ago, the Economics Department has grown rapidly and its present faculty roster includes thirty full-time and more than twenty part-time faculty members. The department is involved in many large research projects, and is in the process of establishing cooperation in research and teaching with the People's University of China.

While our graduate program offers an opportunity to study economics, particularly with respect to Canadian policy issues, the orientation of programme offerings at the undergraduate level is aimed at a general, well-balanced education, providing the students with the essential theoretical concepts and tools to understand, analyze and evaluate economic phenomena in the world around us. Theory, statistics, econometrics, and data use are central to this purpose and are emphasized particularly in our specialization and honours programmes.

Economics is the study of choice or decision making in situations of scarcity. It deals with the fundamental problem facing people throughout the world - that of unlimited wants confronting limited resources. This calls for "economizing", or the efficient allocation of resources. Newspapers, magazines, and other media report stories about inflation, unemployment, poverty, discrimination, labor management conflicts, the ownership of Canadian industry and resources, pollution, and government budgetary deficits and surpluses. The study of economics can lead to a better understanding of these issues, and suggest practical ways of dealing with them.

Government departments employ economists to compile and study data on such economic indictors as prices, employment and unemployment, national income, foreign investment, exchange rates, etc. Most business corporations have departments of economic research. There is also demand for economists to teach in colleges or universities. Graduate work is normally required for senior research posts in government, industry, college and university teaching.

If you meet our standards, Concordia Economics offers challenging academic and career opportunities.

Dr. D. Otchere
(Director, Undergraduate Program)

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## INTRODUCTION

The Department of Economics has prepared this guide as a service to you. In it you will find a description of the courses offered, the honours, specialization, majors and minors programmes. Also, there is a list of the faculty members, and information on scholarships and awards.

It is intended to assist you in making your choice of further study after you graduate from the CEGEP, or after you complete a mature student programme.

If you have any questions whatsoever, please contact any of the faculty or departmental secretaries.

Please feel free to call or drop in at any time.

## ECONOMICS DEPARTMENT

| Loyola Campus | Sir George Williams Campus |
|---|---|
| Hackett Building | Guy Metro Building |
| Room HK-100 | Room GM-302 |
| 7270 Sherbrooke St. West | 1550 De Maisonneuve Blvd. West |

## ADMINISTRATIVE STAFF

TELEPHONE NUMBERS:

| | | | |
|---|---|---|---|
| Assistant to the Chairman | 848-3901 | (S.G.W.) | Pat Manning |

SECRETARIES:

| | | | |
|---|---|---|---|
| Co-op Programme | 848-3903 | (S.G.W.) | T.B.A. |
| Graduate Studies | 848-3904 | (S.G.W.) | Helen Twerdun |
| Undergraduate Studies | 848-3900 | (S.G.W.) | T.B.A. |
| Undergraduate Studies | 848-3930 | (Loyola) | Pat Oelmann |



## DEPARTMENT OF ECONOMICS

| FACULTY | AREAS OF SPECIALIZATION |
|---|---|
| Acting Chairman<br>Ian Irvine (1988/89) | |
| **Professors** | |
| J. Ahmad, (Ph.D., McMaster)<br>SGW - GM-301-31 - 848-3921 | International Trade & Finance |
| S. Ahsan, (Ph.D., McMaster)<br>SGW - GM-302-03 - 848-3906 | Public Economics;<br>Microeconomic Theory |
| M. Armstrong, (M.A., McGill)<br>SGW - GM-301-29 - 848-3920 | Canadian Economic Policy;<br>Microeconomic Theory |
| F. Hayes, (Ph.D., McGill)<br>Loyola - HK-211 - 848-3937 | Canadian Economic Policy;<br>Microeconomics |
| J.W. O'Brien, (Ph.D.,McGill)<br>SGW - GM-301-11 - 848-3908 | International Economics -<br>Money and Banking |
| F. Muller, (Ph.D., Ruhr)<br>SGW - GM-302-21 - 848-3917 | Environmental & Natural<br>Resource Economics<br>Macroeconomics |
| **Associate Professors** | |
| S. Alvi, (Ph.D.,Colorado)<br>Loyola - HK-103 - 848-3932 | Labour Economics; Development |
| A. Anastasopoulos, (Ph.D., Rochester)<br>SGW - GM-301-37 - 848-3925 | Economic Theory; Mathematical<br>Economics |
| J. Breslaw, (Ph.D., Berkley)<br>SGW - GM-301-09 - 848-3907 | Natural Resources; Econo-<br>metrics - Micro Theory |
| P. Callier, (Ph.D., Simon Fraser)<br>SGW - GM-302 | International Finance<br>Monetary Theory |
| I. Irvine, (Ph.D., Western Ontario)<br>SGW - GM-302-15 - 848-3909 | Public Economics;<br>Econometrics |
| M. N. Islam, (Ph.D., McGill)<br>SGW - GM-302-01 - 848-4531 | Statistical Methods;<br>Regional Economics |
| Z. R. Liu, (Ph.D., Colorado)<br>Loyola - HK-107 - 848-3934 | Microeconomics;<br>The Chinese Economy |
| J. McIntosh, (Ph.D., London)<br>SGW - GM-301-15 - 848-3910 | Economic Growth & Development |
| D. Otchere, (Ph.D., McGill)<br>Loyola - HK-115 - 848-3926 | Monetary Theory;<br>Economic Development |
| B. S. Sahni,(Ph.D., The New School)<br>SGW - GM-301-22 - 848-3902 | Public Economics |
| D. Shapiro, (Ph.D., Cornell)<br>SGW - GM-301-25 - 848-3916 | Industrial Organization |

## AREAS OF SPECIALIZATION

| | |
|---|---|
| E. Siggel, (Ph.D., Toronto)<br>SGW - GM-301-23 - 848-3914 | Economic Development;<br>International Trade |
| W. B. Sims, (Ph.D., Toronto)<br>SGW -GM-301-03 - 848-3938 | Environmental Economics;<br>Transportation Economics |
| M. Stelcner, (Ph.D., Syracuse)<br>SGW - GM-301-35 - 848-3924 | Public Economics; Economics of<br>Discrimination |
| A. Takahashi, (Ph.D., Pittsburgh)<br>Loyola - HK-101-1 - 848-3933 | Statistical Methods;<br>Macroeconomics |

Assistant Professors

| | |
|---|---|
| M. Abrar, (Ph.D., McMaster)<br>Loyola - HK-213 - 848-3931 | International Trade<br>Microeconomics<br>Econometrics |
| S. Banerji, (Ph.D., U. of New York)<br>SGW - GM-301-13 - 848-3936 | Macroeconomic Theory |
| C. Belzil, (M.A., Cornell)<br>SGW - GM-301-19 - 848-3912 | Labour Economics |
| B. Campbell, (M.A. Concordia)<br>SGW - GM-301-25 - 848-3905 | Econometrics |
| R. Laferriere, (Ph.D., U. of Mtl.)<br>SGW - GM-301-17 - 848-3911 | Applied Microeconomics;<br>Econometrics<br>Transportation economics |
| M. Rafiquzzaman (Ph.D., Carlton)<br>SGW - GM-302-19 - 848-3935 | Industrial Organization |
| M. Sampson, (Ph.D., Queen's)<br>SGW - GM-301-37 - 848-3939 | Economic Theory;<br>Econometrics |

Assistant Research Professor

| | |
|---|---|
| C. DeBresson, (Ph.D., U. of Paris) | Economics of Technology |

Adjunct Professors

| | |
|---|---|
| M. Keil | Macro-economics;<br>Econometrics |
| A. Lallier | Comparative Economic<br>Systems;<br>Internation Trade |

### PART-TIME OFFICE

| | | |
|---|---|---|
| S.G.W. | Room #GM-302 | 848-3918 |
| LOYOLA | Room #HK-100 | 848-3928 |



## BACHELOR OF ARTS
## FACULTY OF ARTS AND SCIENCE

### DEGREE PROGRAMS IN ECONOMICS**

| Honours*<br>60 credits | Specialization<br>60 credits | Major<br>42 credits | Minor<br>30 credits |
|---|---|---|---|
| 6 Econ 201/203(1) | 6 Econ 201/203(1) | 6 Econ 201/203(1) | 6 Econ 201/203(1) |
| 6 Econ 221/222(2) | 6 Econ 221/222(2) | 6 Econ 221/222(2) | 6 Elective |
| 6 Elective | 6 Elective | 6 Elective | 6 Elective |
| 6 Elective | 6 Elective | 6 Elective | 6 Elective |
| 6 Elective | 6 Elective | 6 Elective | 6 Elective |
| 6 Econ 301/302 | 6 Econ 301/302 | 6 Econ 301/302 | 6 Econ 301/302 |
| 6 Econ 303/304 | 6 Econ 303/304 | 6 Econ 303/304 | 6 Econ 303/304 |
| 6 Econ 325/326(3) | 6 Econ 325/326(3) | 6 Econ Elective | 6 Elective |
| 6 Econ Elect | 6 Econ Elective | 6 Elective | 6 Elective |
| 6 Elective | 6 Elective | 6 Elective | 6 Elective |
| 12 Econ from core 400(4) | 18 Econ from 400 level(4) | 6 Econ from 400 level(4) | 6 Econ Elect |
| 6 Econ from 400 level | | 6 Econ Elect | 6 Econ Elect |
| | | 6 Econ Elect | 6 Elective |
| 6 Econ Elect | 6 Econ Elect | 6 Elective | 6 Elective |
| 6 Elect | 6 Elective | 6 Elective | 6 Elective |
| 90 | 90 | 90 | 90 |

NOTES:

(1). A student who has been exempted from Econ 201 and/or Econ 203 must take the equivalent number of credits in Economics to satisfy program requirements. Such a student is strongly advised to take Econ 301/302 and/or Econ 303/304 in year 1.

(2). Econ 221/222 is equivalent to Decs 243/244, or equivalent. Note that Math 201 or equivalent is a prerequisite for this course.

(3). Although not a prerequisite, Math 209 and Math 211 or equivalent provide a good preparation for Econ 325/326.

(4). The core 400 Econ courses consist of Econ 401, 403, 408, 421, 422, 425, 426, 432, 435, 442, 443. Students who intend to continue to graduate school are advised to take Econ 401, 403, 421, 422.

**. Major students have to complete at least 24 credits from outside economics for graduation.

* See page 5 for more information on the Honours Program.

BACHELOR OF COMMERCE
FACULTY OF COMMERCE & ADMINISTRATION

DEGREE PROGRAMS IN ECONOMICS

| Honours* 60 credits | Major 42 credits |
|---|---|
| 6 Econ 201/203 | 6 Econ 201/203 |
| 6 Decs 243/244 | 6 Decs 221/222 |
| 3 Mark 213 | 3 Mark 213 |
| 3 Fina 214 | 3 Fina 214 |
| 6 Acco 213/218 | 6 Acco 213/218 |
| 3 Mana 266 | 3 Mana 266 |
| 3 Decs 222 | 3 Decs 222 |
| 6 Econ 301/302 | 6 Econ 301/302 |
| 6 Econ 303/304 | 6 Econ 303/304 |
| 3 Fina 315 | 3 Fina 315 |
| 3 Mark 350 | 3 Mark 350 |
| 6 Mana 340/475 | 6 Mana 340/475 |
| 6 Econ Elect | 3 Busc 300 |
| | 3 Econ Elect |
| 12 Econ from core 400 | 6 Econ from 400 level |
| 6 Econ from 400 level | 9 Econ elec |
| 3 Econ Elect | 3 Decs 250 |
| 3 Decs 250 | 6 Elective |
| 3 Mana 460 | 3 Mana 460 |
| 3 Restr Elect | 3 Restr Elect |
| 90 | 90 |

NOTES:

1. See the notes on the previous page.

2. Econ 201 is a prerequisite to Acco 218, and a corequisite for Fina 314.

3. Restr Electives must be taken either in Economics or in the Faculty of Commerce.

* See page 5 for more information on the Honours program.



Honours Programme in Economics

The Department's Honours programme follows academic regulations governing Honours programmes in the Arts and Science faculty. [Students are advised to consult the University calendar on academic regulation.]

Students who wish to be considered for an honours status apply to the Department's honours advisor after their first year in the Major or Specialization programme. If they meet the criteria, the Department's advisor forwards a recommendation, together with the student's evaluated application, to the University Faculty Honours Committee. The final decision on acceptance into the Honours programme rests with this university committee. Students with initiative and the capacity to demonstrate increasing academic promise, are usually those attracted to the programme.

Once in the programme, students must maintain a grade point average (GPA) of 3.0 in all honours courses; the minimum acceptable grade in any honours course is a "C". In non-honours courses, students must have a GPA of no less than 2.0.

At the moment, the Department's Honours programme for a Bachelor of Arts degree in the Faculty of Arts and Science consists of 30 non-economics credits and 60 economics credits, taken from a selective set of courses.

For a Bachelor of Commerce degree, honours in Economics, the programme consists of a combination of courses from both the Economics and Commerce Departments.

Students with an Honours degree have the opportunity to do graduate studies leading to a M.A. in Economics, M.B.A. in the Faculty of Commerce and Administration, or a Ph.D. in these areas. They may also decide to work in business or governments. The Department's advisors are ready to assist students in such matters.

## THE CO-OP PROGRAMME

A great advantage of studying Economics at Concordia University is that good students have the opportunity to participate in a unique and highly regarded programme in co-operative education, which enables students to both learn and practice the profession of economics.

Students who are admitted to a B.A. in Economics in the co-operative education format must enroll in a Specialization or Honors in Economics. They follow the same academic programmes as other students in these concentrations, and, in addition, they get sixteen months of practical, on-the-job experience working in government or in industry in jobs that require training in economics.

The Economic Co-op Programme is open to students who achieve a high academic standing in their CEGEP programme on the Concordia application form. If they are interviewed and invited to become members of the Institute for Co-operative Education, they take two regular academic terms, and then, in their first summer as undergraduates, they begin the process of alternating work terms with campus terms. To remain in the programme, students must perform well both in their work terms, and in their courses. The total commitment to the programme is six academic terms (90 credits) plus four four-month work terms.

Co-operative education offers great advantages to students. They have an opportunity to discover very early in their academic careers what it is like to work in their chosen field of Economics. With sixteen months of experience in different kinds of employment, they are in a much better position to enter the job market. Many employers are known to have a preference for graduates of co-op programmes. Having undergone many job interviews, students can use their experience to maximize the chances of getting the kind of employment they want. Finally, if, as happens with most Economics Co-op students, they decide to go on to graduate school, the co-op experience provides them with an excellent background training. It is a rigorous and demanding programme, but a very valuable one.



## FINANCIAL AID, AWARDS & PRIZES IN ECONOMICS

The office of the Dean of Students maintains constant staff coverage in the area of financial aid and members of the staff are available to assist students in solving individual problems or in explaining existing regulations and procedures for prospective applicants.

A number of scholarships are available to students entering their first year of full-time study. These are awarded by the University Scholarship and Awards Committee on the basis of academic achievement during the first three semesters of CEGEP or equivalent. Application forms are available from the Financial Aid office and must be returned prior to March 1st for students who wish to enter the University in the Fall of a given academic year. The same facility exists for students who wish to enter in the Winter, but the applications must be returned prior to November 15th. Complete information on scholarships and bursaries can be obtained from the Financial Aid office located at 2135 Mackay Street, 3rd. floor, on the SGW campus and in the Administration Building, Room AD-130-3, on the Loyola campus.

Students who excel in Economics programs of their choice are also eligible for different kinds of awards and prizes in Economics, which are usually presented as part of Convocation ceremonies. For example, the John O'Brien Bursaries are awarded annually to the top two students entering honours in Economics.

## COMPUTER FACILITIES

Concordia University makes available to students a large range of computer facilities; these include main frame computers - Cyber, Vax and Dec, as well as a large number of PC labs. There also exists a PC lab in the Economics Department at the S.G.W. campus.

All students in the Economics program will receive computer training in a range of languages; these include MINITAB, TSP, GAUSS, RATS, SPSS and SAS. Data base facilities are available; these include on-line access to CANSIM, C.D RAM access to DRI INFORM, as well as direct access to DIALOG.

## DESCRIPTIONS OF COURSES OFFERRED IN 1989/90

The textbooks, listed below some of the courses descriptions, are for the academic year 1988-89, and are subject to change in the 1989/90 academic year. DO NOT PURCHASE ANY TEXTBOOKS from these listings without first checking with your instructor.

### INTRODUCTORY ECONOMICS

Economics

200/3
6 credits

This course is primarily for students not majoring in Economics. Its content is essentially the same as that of ECON 201 and 203. However, there is greater emphasis on Canadian economic institutions and government policies. It is open to all students except those in Commerce, and does not count as credit towards any Economics programme.

No Prerequisites

TEXTS:
T.B.A.

### INTRODUCTION TO MICROECONOMICS

Economics

201/2
201/4
3 credits

Introduction to the functioning of the market system; concepts of supply and demand, the role of prices in resource allocation; production decisions by firms. Analysis of differences between competition and monopoly, and the implications for economic efficiency; theories of labour markets and wage determination.

No Prerequisites

COMMONLY USED TEXTBOOKS:

ECONOMICS by R. Lipsey, D. Purvis, and P. Steiner, publisher Harper and Row

MICROECONOMICS (4th. ed.) by Campbell R. McConnell and William H. Pope, McGraw-Hill Ryerson, 1987



### INTRODUCTION TO MACROECONOMICS

Economics

203/2
203/4
3 credits

An introductory analysis of aggregate economic activity. The focus is on the principles of determination of the level of employment, national income, real output, inflation, and international balance of payments. The course also analyzes the principles which govern trade relations among countries. These topics are integrated by a discussion of government monetary and fiscal policies to stabilize economic activity.

No Prerequisites

COMMONLY USED TEXTBOOKS:

ECONOMICS by R. Lipsey, D. Purvis, and P. Steiner, publisher Harper and Row

MACROECONOMICS, (4th. ed.) by Campbell R. McConnell and Wlilliam H. Pope, McGraw-Hill Ryerson, 1987

### STATISTICAL METHODS I

Economics

221/2
221/4
3 credits

Elementary probability, permutations and combinations, binomial and normal distribution. Analysis and organization of statistical data. Tests of hypotheses. Confidence limits. Introduction into linear regression and correlation.

Prerequisite: Math 201 or CEGEP equivalent.

COMMONLY USED TEXTBOOKS:

STATISTICS FOR BUSINESS & ECONOMICS (3rd. edition) by Edwin Mansfield, publisher Norton, 1987

STATISTICS FOR BUSINESS & ECONOMICS (3rd. edition) by David R. Anderson, Dennis J. Sweeney, and Thomas A. Williams, West Publishing Company

## STATISTICAL METHODS II

Economics

222/2
222/4
3 credits

The course is an introduction to the application of statistical techniques to economic data. Topics discussed include, among others, time series, statistical inference, analysis of variance, correlation and regression.

Prerequisites: Econ 221, or equivalent.

COMMONLY USED TEXTBOOKS:

Statistics for Business and Economics, 3rd. edition, by David R. Anderson, Dennis J. Sweeney and Thomas A. Williams, publisher West, 1987

Statistics for Business and Economics, by Edwin Mansfield, 3rd. ed., Norton, 1987

Introductory Statistics for Business and Economics (4th. ed.) Wonnacott and Wonnacott

## INTRODUCTION TO ECONOMIC HISTORY

Economics

250/3
6 credits

A study of the economic development of western societies. Particular attention is paid to Europe during the period from the sixteenth century to the present day. The aim of the course is to provide an understanding of the interconnections among social, economic, and political change.

TEXTBOOK:

How the West Grew Rich: The Economic Transformation of the Industrial World (New York: Basic Books, 1986) by Nathan Rosenberg and Luther Earle Birdzell, Jr.

The First Industrial Revolution, 2nd. edition, by Phyllis Deane (Cambridge: Cambridge University Press, 1979)



## INTERMEDIATE MICROECONOMIC THEORY I

Economics

301/2
301/4
3 credits

Theory and measurement of demand, theory of consumer behaviour, production, theory of the firm, and cost and revenue analysis.

Prerequisites: Econ 201, Econ 203

COMMONLY USED TEXTBOOKS:

Microeconomics, Theory and Applications by D. Salvatore

Intermediate Microeconomics and Its Application by Walter Nicholson, 4th. edition

Microeconomics (6th. ed.) by Edwin Mansfield

Microeconomics by B. Eaton and D. Eaton, (Freeman), 1988

## INTERMEDIATE MICROECONOMIC THEORY II

Economics

302/2
302/4
3 credits

Market structures, (perfect competition, monopoly, oligopoly), industrial concentration, factor markets, income distribution, economic efficiency, general equilibrium, welfare economics.

Prerequisite: Econ 301

COMMONLY USED TEXTBOOKS:

Microeconomics, Theory and Applications by D. Salvatore

Microeconomics (6th. ed.) by Edwin Mansfield

## INTERMEDIATE MACROECONOMIC THEORY I

Economics
303/2
303/4
3 credits

This course deals with the major areas of aggregate economics. Topics include the definitions and measurements of indicators of economic activity; the classical, Keynesian, and rational expectations models of the economy; the derivation of the AS schedule, the ISLM approach to the AD schedule; role of macro-economic policy.

Prerequisite: Econ 201, Econ 203

COMMONLY USED TEXTBOOKS:

Macroeconomics: Theory and Policy in Canada (2nd. ed.) by David A. Wilton and David M. Prescott, Addison Wesley, 1987

## INTERMEDIATE MACROECONOMIC THEORY II

Economics

304/2
304/4
3 credits

Review of the complete Keynesian system: role of investment demand, the consumption function, the demand for money function. Other topics include the open economy models of income determination, interest rates, and exchange rates, business cycles, economic growth, macro-economic policy and their application to Canada.

Prerequisite: Econ 303

COMMONLY USED TEXTBOOKS:

Macroeconomics: Theory and Policy in Canada



## ECONOMIC DEVELOPMENT I

Economics

311/2
3 credits

The course investigates comparative economic development, with special attention to problems of capital formation, population growth, quality of labour force, and social and cultural attitudes towards economic modernization. Theories of economic development are evaluated in the context of the realities of historical patterns and the varying degrees of ability to achieve modernization.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

Economics of Development (2nd. ed.) by M. Gillis et al., Norton, 1987

## ECONOMIC DEVELOPMENT II

Economics

312/4
3 credits

The concept and meaning of economic planning, methodology and strategy of planning, input-output and sector analysis, techniques of planning, investment criteria and priorities, study and appraisal of economic plans of a few countries.

Prerequisite: Econ 311

TEXTBOOK:

Economics of Development (2nd. ed.), by M. Gillis et al., Norton, 1987

## CANADIAN ECONOMIC ISSUES I

Economics

316/2
3 credits

This course is devoted to an analysis of some economic issues facing Canada; for example, employment and unemployment, inflation, economic growth and potential, income distribution, social security policies, monetary and fiscal policies.

Prerequisite: Econ 201; Econ 203

COMMONLY USED TEXTBOOK:

Economy and Its Problems (4th. ed.) by Muriel Armstrong, Prentice-Hall, 1988

## CANADIAN ECONOMIC ISSUES II

Economics

317/4
3 credits

This course is similar to Econ 316, but covers a different group of topics; for example, foreign ownership and control, regional-development problems, monopoly and competition, government regulation of business, agricultural policy, trade policy.

Prerequisite: Econ 201; Econ 203

COMMONLY USED TEXTBOOKS:

Canadian Economy and Its Problems (4th. ed.) by Muriel Armstrong, Prentice-Hall, 1988



## STATISTICAL PACKAGES AND ECONOMIC DATA

Economics

323/2
323/4
3 credits

The objective of this course is to familarize the student with techniques of obtaining, manipulating and analyzing economic data. Given the ever-increasing importance of the computer in the storage, retrieval and processing of information, another purpose of the course is to provide a basic understanding of a computing system and of using data banks and statistical packages. Particular emphasis is given to SPSS, TSP and to CANSIM. The student should be prepared to devote at least 10 hours/week to this course. Provision is made for weekly tutorials.

NOTE: Registration is limited to those who are in the Honours, Specialization or Major programmes in Economics.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

SPSS-X Introductory Guide by Marija J. Norusis
TSP User's Manual by Con. U. Comp. Centre
FSE Manual by Con. U. Comp. Centre

## MATHEMATICS FOR ECONOMISTS I

Economics

325/2
3 credits

This course introduces the student to differential and integral calculus and to their applications in economic analysis. Topics covered include set theory, the concept of limits and rules for differentiation and integration. It also deals with the relevance of these concepts and techniques to economic problems such as maximization, equilibrium analysis, and dynamic adjustments.

Prerequisite: Econ 201; Econ 203

COMMONLY USED TEXTBOOKS:

Fundamental Methods of Mathematical Economics by A. Chiang, McGraw-Hill, (3rd. ed.) 1984

## MATHEMATICS FOR ECONOMISTS II

Economics

326/4
3 credits

The main emphasis is on the study of linear algebra and its application to the solution of economic models consisting of a system of linear simultaneous equations. Topics covered include: matrices and vectors; basic properties of determinants and their use in solving equations pertaining to economic problems, such as linear programming and constrained optimization.

Prerequisite: Econ 325

COMMONLY USED TEXTBOOK:

Fundamental Methods of Mathematical Economics, (3rd. ed.) by Alpha Chiang, McGraw-Hill, 1984

## MONEY AND BANKING

Economics

331/2
331/4
3 credits

Overview of a monetary economy: nature, forms and the economic role of money. Monetary standards: markets, prices, and the value of money; the payments system; financial markets. Determinants of size and distribution of wealth portfolios. Supply of money: measure, composition, and size determination. The economic role of commercial banks and non-bank financial intermediaries. Central banking and monetary policy. The international monetary system. (Topics covered within the Canadian banking institutional framework.)

Prerequisite: Econ 201; Econ 203

COMMONLY USED TEXTBOOKS:

Money, Banking and Finance: The Canadian Context, Gordon Boreham with Ron Bodkin, Holt, Rinehart & Winston, 1988



## ECONOMICS OF THE PUBLIC SECTOR I

Economics

335/2
3 credits

This course examines government fiscal activity within the context of a free-market system. Rationale for public-sector activity is reviewed in terms of economic efficiency conditions and the market failures. Among the topics covered in the course are growth of public spending, the concept of public good externalities, collective decision-making process, pure theory of public expenditures, local expenditures analysis, and efficiency in public spending, with special reference to Quebec and Canada.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

Economics of the Public Sector (2nd. ed.) by J.E. Stiglitz - Norton

## ECONOMICS OF THE PUBLIC SECTOR II

Economics

336/4
3 credits

The principal purpose of this course is to examine and evaluate the important elements of the Canadian fiscal structure, emphasizing taxation and the financing of public expenditures. Among others, issues in taxation of income, both at the individual and corporate levels, excise and sales taxation, taxation of capital gains and wealth, intergovernmental fiscal relations, and tax reform are taken up.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

Canadian Tax Policy, by R. Boadway, H. Kitchen

Economics of the Public Sector by J. Stiglitz

## INTERNATIONAL ECONOMIC RELATIONS

Economics

341/2
341/4
3 credits

This course focuses on the discussion and the analysis of the major forms of economic relations among nations; viz., international trade and international capital movements. Emphasis is placed on policies and institutions for the smooth functioning of the international economy, although some theoretical constructs are also introduced. Topics covered include international trade, protection, balance of payments, economic integration, and international monetary system.

Prerequisite: Econ 201; Econ 203

COMMONLY USED TEXTBOOKS:

The Political Economy of North-South Relations, Broadview Press (ISBN 0-921149-11-5) by T. Miljan, Broadview Press

International Economics: Theory and Policy by Paul Krugman, Maurice Obstfeld - G. Scott, Foresman and Co. 1987

## ECONOMIC HISTORY OF CANADA

Economics

351/3
6 credits

This course is designed to introduce the student to Canadian economic development from the early period of settlement to the present day. Emphasis is placed on the economic history of Canada since Confederation.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

The Economic Development of Canada, by Richard Pomfret, Methuen 1981



## INDUSTRIAL ORGANIZATION

Economics

361/2
361/4

This course develops the relationship of the firm to various forms of market structure. The course focuses on the objectives of the corporation, corporate interdependence, and the government control of industry. A study of policy matters centres on anti-trust and corporate regulation, with respect to both the legislative and economic aspects.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

Industrial Organization: Theory, Evidence and Public Policy by K.W. Clarkson and R.L. Miller, (McGraw-Hill), 1982

## ECONOMICS OF THE FIRM

Economics

362/4
3 credits

This course stresses the application of economic principles and methodologies to the decision making process of the firm, with an emphasis on the role of risk and uncertainty. Topics include decision making criteria, demand analysis and estimation, cost analysis and estimation, pricing theory under various market structures, applied topics in pricing, and the impact of government on the firm. This course is primarily of interest to Commerce students, but is open to others as well.

Prequisite: Econ 201; Econ 222 or Desc 244

TEXTBOOK:

Fundamentals of Managerial Economics by Berry Keating, J. Holton Wilson

## ECONOMICS OF TECHNOLOGICAL CHANGE

Economics

363/2
3 credits

This course deals with a critical analysis of the technological constraints on economic processes, research and development, and the economic factors affecting the rate and direction of technological change. Topics include: the economic implications of learning by doing and technical systems; micro-economic effects of innovation and adoption theory; and the long-term macro-economic policy implications of technological change.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:
T.B.A.

## THE CHINESE ECONOMY

Economics

377/4

3 credits

People's Republic of China , known as a centrally-planned socialist economy, launched some ambitious and sweeping economic reforms in late 1978. The potential economic progress made in the future in China will undoubtedly have tremendous implications and impacts on the world economy. The main objectives of this course are to provide a general description and analysis of the Chinese economic system and structure, the contents and extent of the economic reforms and her open door policy, and economic accomplishment and problems confronting the economy since the inception of reforms. This course can provide basic background information and understanding on the Chinese economic operations and conditions for students in Economics and other disciplines, such as the International Business Studies and Political Science.

Prerequisites: ECON 201; ECON 203

TEXTBOOK:
T.B.A.



## LABOUR ECONOMICS I

Economics

381/2
381/4
3 credits

The general objective of this course is to acquaint the student with various theoretical and empirical issues in the area of labour economics. Particular emphasis is placed upon the relation between theoretical frameworks and their empirical counterparts in Canada. Topics include the theory of wage determination, the effects of minimum wages, human capital theory, the economics of discrimination. and the economics of the household.

Prerequisite: Econ 201; Econ 203

COMMONLY USED TEXTBOOKS:

Modern Labour Economics (3rd. ed.) by R.G. Ehrenberg and R.S. Smith

## INDUSTRIAL RELATIONS I

Economics

382/2
3 credits

A study of the general and practical problems that arise in the labour field, such as collective bargaining, the legal framework for the settlement of industrial disputes, the weapons of industrial conflict; the labour movement; contemporary labour issues, such as automation, cost-push inflation, and structural employment.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

The System of Industrial Relations in Canada, (2nd. ed.) by Alton W.J. Craig, Prentice Hall Canada, Inc. 1986

## INDUSTRIAL RELATIONS II

Economics

383/4
3 credits

The basic objective of this course is to explore and analyze in depth certain important topics in industrial relations. These topics include a comparative study of industrial relations in selected industrialized countries; collective bargaining in public and private sectors; income distribution by factor shares, industrial democracy and quality of work life. The course also involves learning the tools of independent study and research.

Prerequisite: Econ 382

TEXTBOOK:

The System of Industrial Relations in Canada, by Alton Craig, Prentice-Hall, 1986

## ECONOMICS OF THE ENVIRONMENT

Economics

391
3 credits

The subject of this course is environmental quality. It proceeds through an analysis of the relationships among the natural environment, economics, and institutions. The objective is to depict the problem of environmental quality as an economic problem whose solution demands major changes in economic, political, and legal institutions. Attention is also given to policies of collective environmental actions in which the effective management of common property resources is discussed. The course concludes with a discussion of some broader issues, such as the consistency of improved environmental quality with continued economic and population growth.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:
T.B.A.



## URBAN ECONOMICS

Economics

392
3 credits

This course focuses on the basic issues of economic growth and stagnation, urban land use, the problems of the urban public economy, and special urban problems, such as transportation, congestion, poverty, housing, and urban renewal, and zoning.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:
T.B.A.

## NATURAL RESOURCE ECONOMICS

Economics

396
3 credits

This course focuses on the problems of the finiteness of the natural resources base in Canada and in the world, and on an analysis of the demand for and supply of natural resource and energy. The course also discusses the economic aspects of a selected group of conservation measures (financial incentives, reallocation of property rights, regulation).

Prerequisite: Econ 201; Econ 203

TEXTBOOK:
T.B.A.

## ECONOMICS OF DISCRIMINATION

Economics

397/2
397/4
3 credits

The purpose of this course is to examine some economic issues of discrimination, with particular reference to women in a Canadian context. Among the topics so examined are: techiques for measuring discrimination and poverty, review of empirical studies, traditional and radical approaches to the study of discrimination, and policies to combat discrimination and poverty.

Prerequisite: Econ 201; Econ 203

TEXTBOOK:

The Economics of Women, Men, and Work by Francine D. Blau and Marianne A. Ferber, Prentice-Hall, 1986

## ADVANCED MICROECONOMIC THEORY

Economics

401/2
401/4
3 credits

Selected topics in microeconomic analysis, including: methodology, general equilibrium analysis, welfare economics; theory of the firm, factor pricing, and income distribution capital theory. Primarily for Majors, Specialization, and Honours students.

Prerequisite: Econ 301; Econ 302; Econ 325; Econ 326

TEXTBOOK:

Microeconomic Theory by H. Varian - Norton - 1984

Microeconomic Theory by Walter Nicholson, (3rd. ed.), The Drydon Press 1985

Economic Theory and Operations Analysis by William J. Baumol, (4th. ed.), Prentice-Hall 1977



## ADVANCED MACROECONOMIC THEORY

Economics

403/2
403/4
3 credits

Selected topics in macroeconomic analysis, including construction of models of the economy encompassing the labour, product, and financial markets; the role of monetary and fiscal policies; classical, Keynesian, and post-Keynesian models. Primarily for Majors, Specialization, and Honours students.

Prerequisite: Econ 303; Econ 304; Econ 325; Econ 326

COMMONLY USED TEXTBOOKS:

Macroeconomic Theory and Policy (2nd. ed.) by W.H. Branson, Harper & Row, 1979

## HISTORY OF ECONOMIC THOUGHT

Economics

408/3
6 credits

This course traces the development of economic analysis from the time of the Scholastics to modern times. It also includes a description of the prevailing economic, social, and cultural environment in which economists have written. Primarily for Majors, Specialization, and Honours students.

Prerequisite: Econ 301; Econ 302; Econ 303; Econ 304

TEXTBOOK:

Development of Economic Analysis (4th. ed.) by I.H. Rima - Irwin, 1986

## ECONOMETRICS I

Economics

421/2
421/4
3 credits

This course develops the simple and multiple classical regression models. The problems of misspecified structures, multicollinearity, and forecasting are also presented.

Prerequisite: Econ 221; Econ 222; Econ 325; Econ 326

TEXTBOOK:

Economic Models & Economic Forecasts by Pyndick & Rubinfeld - McGraw-Hill

## ECONOMETRICS II

Economics

422/2
422/4
3 credits

This course is a continuation of ECON 421. It deals with the problems of random-error correlation, stochastic regressors, and the simulation and the estimation of multiple-equation models.

Prerequisite: Econ 421

COMMONLY USED TEXTBOOKS:

Economic Models & Economic Forecasts by Pyndick & Rubinfeld - McGraw-Hill



## MATHEMATICAL ECONOMICS I

Economics

425/2
425/4
3 credits

A set-theoretic approach to the theory of demand and production. Special topics in the application of static optimization.

Prerequisite: Econ 301; Econ 302; Econ 303; Econ 304; Econ 325; Econ 326

COMMONLY USED TEXTBOOKS:

T.B.A.

## ADVANCED MONETARY THEORY

Economics

432/4
3 credits

The nature of the monetarist-Keynesian controversy and critical appraisal of the IS-LM-AS model. Special topics; theory and evidence of term structure of interest rates, post-Keynesian demand for and supply of money in aggregative and dis-aggregative economic models. Theory of macro-economic policy. Transmission mechanisms, policy coordination, lags, international constraints, and other problems.

Prerequisite: Econ 301; Econ 302; Econ 303; Econ 304; Econ 331 or permission of the Department.

TEXTBOOK:

Monetary Theory by Laurence Harris

## INTERNATIONAL ECONOMICS: TRADE THEORY

Economics

442/2
442/4
3 credits

The basis of international trade, gains from trade, factor-price equalization, the tariff, Canadian commercial policy, trade and development, economic integration.

Prerequisite: Econ 301; Econ 302

COMMONLY USED TEXTBOOKS:

International Economics (2nd. ed.) by Dominick Salvatore - MacMillan, 1987

## INTERNATIONAL ECONOMICS: FINANCE

Economics

443/2
443/4
3 credits

International monetary economics, foreign exchange markets, adjustment mechanisms, capital flows, balance of payments and domestic policy goals, international liquidity.

Prerequisite: Econ 303; Econ 304

COMMONLY USED TEXTBOOKS:

International Finance and Open Economy Macroeconomics, by Rivera-Batiz, F.L. and Rivera-Batiz L. - MacMillan - 1985



## INDUSTRIAL ECONOMICS

Economics

461/2
461/4
3 credits

This course analyzes the structure, conduct, and performance of Canadian and U.S. industries. Topics include the determinants of industrial structure, such as economies of scale and barriers to entry, measures of conduct and performance, technological change, advertising, mergers, integration, and public policy.

Prerequisite: Econ 221; Econ 222; Econ 301; Econ 302

COMMONLY USED TEXTBOOKS:

T.B.A.

## THE CORPORATE ECONOMY

Economics

462/2
462/4
3 credits

This course examines the nature of the large firm, its behaviour and its impact on the national and international economy. Topics include: the emergence and historical development of the corporate firm; the separation of ownership from control; the large firm in Canada; theories of the large firm; mergers; macro-economic effects of large firms (administered pricing-inflation); the multinational corporation (theories, evidence, and effects).

Prerequisite: Econ 221; Econ 222; Econ 301; Econ 303 or FINA 314; FINA 315

COMMONLY USED TEXTBOOKS:

## LABOUR ECONOMICS II

Economics

481/4
3 credits

Advanced topics in labour economics with special emphasis on labour-market problems and policies in Canada. Topics include the theory of work-leisure choice, mobility and immigration, unemployment and unfilled vacancies, income distribution, labour market information and the wage-price relationship.

Prerequisite: Econ 301; Econ 302; Econ303; Econ 304; Econ 381

COMMONLY USED TEXTBOOKS:

T.B.A.

## REGIONAL ECONOMICS

Economics

493/4
3 credits

This course introduces the student to the methods and techniques of regional economic analysis, and their application to the problems of regional economies within Canada. Among the microeconomic topics covered are: the location behaviour of firms and households, and the factors determining the allocation of land among alternative competing uses. Macroeconomic topics include: the measurement and analysis of regional income and growth levels, cyclical changes in those levels, and interregional differences in growth rates. Policy problems pertinent to Canadian regions are stressed throughout the course.

Prerequisite: Econ 301; Econ 302; Econ 303; Econ 304

COMMONLY USED TEXTBOOKS:



## ECONOMICS OF TRANSPORTATION AND COMMUNICATIONS

Economics

495

3 credits

Congestion problems and solutions, pricing, costs, demand, and regulation in transportation. Some applications to communications.

Prerequisite: Econ 301; Econ 302

COMMONLY USED TEXTBOOKS:

T.B.A.

## INCOME DISTRIBUTION/ECON. INEQUALITY

Economics

497/4

This course presents a survey of the problems involved in measuring and explaining the distribution of economic resources among individuals and families. The course deals with such questions as: Why are some people economically better off than others? What, if anything, can or should be done about this state of affairs? Topics covered include: meaning and measurement of inequality; the distribution of income and wealth and the role of bequests; discrimination and sociological factors; poverty, income maintenance and government policy in Canada.

Prerequisite: Econ 301; Econ 302; Econ 303; Econ 304;

TEXTBOOK:
T.B.A.

## UNDERGRADUATE ADVISING

The Department of Economics provides an advising service to all students enroled in an economics program. Thus, when you receive your registration date notification, you should telephone the department to make an appointment with an undergraduate advisor. Before you see the advisor, however, you should have a pretty good idea of what courses you want to take in the coming year. Basically, look at the table at the beginning of this guide, to see which courses you are required to take this year. Then, decide how many elective courses in economics you are going to take, and how many outside of economics - normally a full time student takes five three-credit courses per semester. You should talk to other students who have already taken some of these courses before to give you an idea as to their content. Similarly, you should try to get an idea of which instructors you would prefer to take - again on the basis of your experience, and on the experience of other students.

At the time of advising, you will need your appointment slip, your most recent transcript (either from Concordia, or from CEGEP if you are a new student), and the set of courses for the coming year (fall and winter) that you wish to take. You should also have made sure that this set of courses is feasible - ie. that you have the pre-requisites, and that it works in terms of your timetable. This requires that, at the times of advising and registration, you should have in your possession a copy of the University's Undergraduate Class Schedule for the current academic year. Note how the section numbers work:

Econ xxx/y zz

xxx Course number eg: 201

y Semester: y = 2 Fall semester (3 credits)
y = 4 Winter semester (3 credits)
y = 3 Both semesters (6 credits)

zz Section: zz = single letter (eg A) Day section, SGW campus
double letter (eg AA) Evening section, SGW campus
low number (eg 01) Day section, Loyola campus
high number (eg 51) Evening section, Loyola campus

Finally, do be aware that the advisor will give you just that- advice. Ultimately, the responsibility for making sure that you have satisfied your program requirements, pre-requisite requirements, and any other requirements required by the university is yours. This is three years of your life, so its worth while to spend a little time accurately assessing what you want to have accomplished by the end of the process. Your advisor can help a little - he/she can tell you about job opportunities, about the sort of program you should be taking should you wish to go to graduate school, etc. Meanwhile, its three yeasrs where you can follow courses that interest you - perhaps the only time you'll have such an opportunity this side of 60! So make the most of it.



## COURSE OFFERINGS AND TIMETABLE FOR 1989-1990

## ECONOMICS

NOTE: Econ 201, 203, 221 and 222: Most spaces in these courses are reserved for students whose programmes require them. Therefore, they may not be available and students planning to use these courses as electives should be prepared with alternatives.

ECON 200/3 INTRODUCTORY ECONOMICS 6 credits

| | | | |
|---|---|---|---|
| Lec A | M-W | 14:45-16:00 | SGW |
| Lec 01 | M-W | 13:15-14:30 | LOY |

ECON 201/2 INTRODUCTION-MICROECONOMICS 3 credits

| | | | |
|---|---|---|---|
| Lec A | M-W--- | 13:15-14:30 | SGW |
| Lec B | M-W--- | 14:45-16:00 | SGW |
| Lec C* | -T-J-- | 10:15-11:30 | SGW |
| Lec D | -T-J-- | 11:45-13:00 | SGW |
| Lec E | -T-J-- | 13:15-14:30 | SGW |
| Lec F | -T-J-- | 11:45-13:00 | SGW |
| Lec 01 | M-W--- | 13:15-14:30 | LOY |
| Lec 02 | M-W--- | 14:45-16:00 | LOY |
| Lec 03 | -T-J-- | 10:15-11:30 | LOY |
| Lec 04 | -T-J-- | 11:45-13:00 | LOY |
| Lec 05 | -T-J-- | 13:15-14:30 | LOY |
| Lec AA | M----- | 20:25-22:30 | SGW |
| Lec BB | -T---- | 18:05-20:10 | SGW |
| Lec CC | --W--- | 20:25-22:30 | SGW |
| Lec 51 | M----- | 19:00-21:05 | LOY |
| Lec 52 | -T---- | 20:25-22:30 | LOY |

Note: * Section C is offered for students in the School of Community and Public Affairs. Other students may register only with the permission of the Economics Department.

ECON 201/4 INTRODUCTION-MICROECONOMICS 3 credits

| | | | |
|---|---|---|---|
| Lec G | M-W--- | 13:15-14:30 | SGW |
| Lec H | M-W--- | 16:15-17:30 | SGW |
| Lec 06 | -T-J-- | 13:15-14:30 | LOY |
| Lec DD | ---J-- | 20:25-22:30 | SGW |
| Lec 53 | --W--- | 19:00-21:05 | LOY |

ECON 203/2 INTRODUCTION-MACROECONOMICS 3 credits

| | | | |
|---|---|---|---|
| Lec A | M-W--- | 13:15-14:30 | SGW |
| Lec B | M-W--- | 16:15-17:30 | SGW |
| Lec 01 | -T-J-- | 13:15-14:30 | LOY |
| Lec AA | ---J-- | 20:25-22:30 | SGW |
| Lec 51 | --W--- | 19:00-21:05 | LOY |

ECON 203/4 INTRODUCTION-MACROECONOMICS 3 credits

| | | | |
|---|---|---|---|
| Lec C | M-W--- | 13:15-14:30 | SGW |
| Lec E* | -T-J-- | 10:15-11:30 | SGW |
| Lec F | -T-J-- | 11:45-13:00 | SGW |
| Lec G | -T-J-- | 13:15-14:30 | SGW |
| Lec H | -T-J-- | 11:45-13:00 | SGW |
| Lec 02 | M-W--- | 14:45-16:00 | LOY |
| Lec 03 | -T-J-- | 10:15-11:30 | LOY |
| Lec 04 | -T-J-- | 11:45-13:00 | LOY |
| Lec 05 | -T-J-- | 13:15-14:30 | LOY |
| Lec BB | M----- | 20:25-22:30 | SGW |
| Lec CC | -T---- | 18:05-20:10 | SGW |
| Lec DD | --W--- | 20:25-22:30 | SGW |
| Lec 52 | M----- | 19:00-21:05 | LOY |
| Lec 53 | -T---- | 20:25-22:30 | LOY |

Note: * Section E is offered for students in the School of Community and Public Affairs. Other students may register only with the permission of the Economics Department.

ECON 221/2 STATISTICAL METHODS I 3 credits

Prerequisite: MATH 201 OR CEGEP equivalent

| | | | |
|---|---|---|---|
| Lec A | -T-J-- | 14:45-16:00 | SGW |
| Lec B | -T-J-- | 13:15-14:30 | SGW |
| Lec C | M-W--- | 14:45-16:00 | SGW |
| Lec 01 | -T-J-- | 11:45-13:00 | LOY |
| Lec AA | M----- | 20:25-22:30 | SGW |
| Lec 51 | ---J-- | 18:05-20:10 | LOY |
| Lec 52 | -T---- | 16:05-17:55 | LOY |

Note: Credits will be given for only two 3-credit courses from ECON 221 and 222, MATH 207 and MATH 242, 243, DESC 243 and 244, SOCI 212, 213, PSYC 315 and 316 or PSYC 317.

ECON 221/4 STATISTICAL METHODS I 3 credits

Prerequisite: MATH 201 or CEGEP equivalent.

| | | | |
|---|---|---|---|
| Lec BB | ---J-- | 18:05-20:10 | SGW |
| Lec 53 | --W--- | 19:00-21:05 | LOY |

Note: Credits will be given for only two 3-credit courses from ECON 221 and 222, MATH 207 and MATH 242, 243, DESC 243 and 244, SOCI 212. 213, PSYC 315 and 316 or PSYC 317.



ECON 222/2 STATISTICAL METHODS II 3 credits

Prerequisite: ECON 221

| | | | |
|---|---|---|---|
| Lec 51 | --W--- | 19:00-21:05 | LOY |

Note: Credits will be given for only two 3-credit courses from ECON 221 AND 222, MATH 207 and MATH 242, 243, DESC 243 and 244, SOCI 212, 213, PSYC 315 and 316 or PSYC 317.

ECON 222/4 STATISTICAL METHODS II 3 credits

Prerequisite: ECON 221

| | | | |
|---|---|---|---|
| Lec A | -T-J-- | 14:45-16:00 | SGW |
| Lec B | M-W--- | 14:45-16:00 | SGW |
| Lec 01 | -T-J-- | 11:45-13:00 | LOY |
| Lec 02 | -T-J-- | 14:45-16:00 | LOY |
| Lec AA | M----- | 20:25-22:30 | SWG |
| Lec 52 | -W---- | 19:00-21:05 | LOY |

Note: Credits will be given for only two 3-credit courses from ECON 221 and 222, MATH 207 and MATH 242, 243, DESC 243 and 244, SOCI 212,213, PSYC 315 and 316 or PSYC 317.

ECON 250/3 INTRO-ECONOMIC HISTORY 6 credits

| | | | |
|---|---|---|---|
| Lec 51 | M----- | 19:00-21:05 | LOY |

ECON 301/2 INTER MICROECONOMIC THEORY 1 3 credit

Prerequisite: ECON 201;ECON 203.

| | | | |
|---|---|---|---|
| Lec A* | M-W--- | 13:15-14:30 | SGW |
| Lec B | -T-J-- | 11:45-13:00 | SGW |
| Lec 01 | M-W--- | 13:15-14:50 | LOY |
| Lec 02 | -T-J-- | 11:45-13:00 | LOY |
| Lec AA | M----- | 18:05-20:10 | SGW |
| Lec BB | M----- | 20:25-22:30 | SGW |

Note: *Lecture A is Math-oriented: Course requires background in Differential Calculus.

ECON 301/4 INTER MICROECONOMIC THEORY I 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec C | -T-J-- | 11:45-13:00 | SGW |
| Lec 51 | --W--- | 19:00-21:05 | LOY |

ECON 302/2 INTER MICROECONOMIC THEORY II
Prerequisite: ECON 301.

| | | | |
|---|---|---|---|
| Lec A | -T-J-- | 11:45-13:00 | SGW |
| Lec 51 | --W--- | 19:00-21:05 | LOY |

ECON 302/4 INTER MICROECONOMIC THEORY II 3 credits
Prerequisite: ECON 301.

| | | | |
|---|---|---|---|
| Lec B* | M-W--- | 13:15-14:30 | SGW |
| Lec C | -T-J-- | 11:45-13:00 | SGW |
| Lec 02 | M-W--- | 13:15-14;30 | LOY |
| Lec 03 | -T-J-- | 11:45-13:00 | LOY |
| Lec AA | M----- | 18:05-20:10 | SGW |

Note: *Lecture B is Math-oriented: Course requires background in Differential Calculus.

ECON 303/2 INTER MACROECONOMIC THEORY I 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec A* | M-W--- | 14:45-16:00 | SGW |
| Lec B | -T-J-- | 13:15-14:30 | SGW |
| Lec 01 | M-W--- | 14:45-16:00 | LOY |
| Lec 02 | -T-J-- | 13:15-14:30 | LOY |
| Lec AA | --W--- | 20:25-22:30 | SGW |
| Lec 51 | M---- | 19:00-21:05 | LOY |

Note: *Lecture A is Maht-oriented: Course requires background in Differential Calculus.

ECON 303/4 INTER MACROECONOMIC THEORY I 3 credits
Prerequisite: ECON 201; ECON 203

| | | | |
|---|---|---|---|
| Lec C | -T-J-- | 10:15-11:30 | SGW |
| Lec 52 | M----- | 19:00-21:05 | LOY |

ECON 304/2 INTER MACROECONOMIC THEORY II 3 credits
Prerequisite: ECON 303.

| | | | |
|---|---|---|---|
| Lec A | -T-J-- | 10:15-11:30 | SGW |

ECON 304/4 INTER MACROECONOMIC THEORY II 3 credits
Prerequisite: ECON 303.

| | | | |
|---|---|---|---|
| Lec B* | M-W--- | 14:25-16:00 | SGW |
| Lec C | -T-J-- | 13:15-14:30 | SGW |
| Lec 01 | M-W--- | 14:45-16:00 | LOY |
| Lec 02 | -T-J-- | 13:15-14:30 | LOY |
| Lec AA | --W--- | 20:05-22:30 | SGW |
| Lec 51 | W----- | 19:00-21:05 | LOY |

Note: *Lecture B is Math-oriented: Course requires background in Differential Calculus.

ECON 311/2 ECONOMIC DEVELOPMENT I 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec AA | ---J-- | 18:05-20:10 | SGW |

ECON 312/4 ECONOMIC DEVELOPMENT II 3 credits
Prerequisite: ECON 311.

| | | | |
|---|---|---|---|
| Lec AA | ---J-- | 18:05-20:10 | SGW |

ECON 316/2 CANADIAN ECONOMIC ISSUES I 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec A | M-W--- | 13:15-14:30 | SGW |
| Lec 01 | -T-J-- | 13:15-14:30 | LOY |



ECON 317/4 CANADIAN ECONOMIC ISSUES II 3 credits
Prerequisite: EON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec A | M-W--- | 13:15-14:30 | SGW |
| Lec 01 | =T-J-- | 13:15-14:30 | LOY |

ECON 323/2 STAT PACKAGES/ECONOMIC DATA 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec AA | --W--- | 18:05-20:10 | SGW |

Note: Registration is limited to those who are in Honours, Specialization or Major programmes in Economics.

ECON 323/4 STAT PACKAGES/ECONOMIC DATA 3 credits
Prerequisite: ECON201; ECON 203.

| | | | |
|---|---|---|---|
| Lec BB | --W--- | 16:05-17:55 | SGW |

Note: Registration is limited to those who are in Honours, Specialization or Major p[rogrammes in Economics.

ECON 325/2 MATH FOR ECONOMISTS I 3 credits
Prerequisite: ECON 201; econ 203; MATH 201.

| | | | |
|---|---|---|---|
| Lec A | -T-J-- | 14:45-16:00 | SGW |
| Lec 01 | -T-J | 10:15-11:30 | LOY |
| Lec AA | -T---- | 18:05-20:10 | SGW |

ECON 326/4 MATH FOR ECONOMISTS II 3 credits
Orerequisite: ECON 325.

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|---|---|---|---|
| Lec A | -T-J-- | 14:45-16:00 | SGW |
| Lec 01 | -T-J-- | 10:15-11;30 | LOY |
| Lec AA | -T---- | 18:05-20:10 | SGW |

ECON 331/2 MONEY AND ABNKING 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec A | -T-J-- | 10:15-11:30 | SGW |
| Lec 01 | M-W--- | 13:15-14:30 | LOY |
| Lec AA | -T---- | 16:05-17:55 | SGW |
| Lec 51 | M----- | 19;00-21:05 | LOY |

ECON 331/4 MONEY AND BANKING 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec B | -T-J-- | 10:15-11:30 | SGW |
| Lec C | -T-J-- | 10:15-11:30 | SGW |
| Lec BB | -W---- | 20:25-22:30 | SGW |
| Lec 52 | -T---- | 18:05-20:10 | LOY |

ECON 335/2 ECONOMICS-PUBLIC SECTOR I 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec AA | --W--- | 18:05-20:10 | SGW |

ECON 336/4 ECONOMICS-PUBLIC SECTOR II 3 credits
Prerequisite: ECON 201; ECON 203.

| | | | |
|---|---|---|---|
| Lec AA | --W--- | 16:05-17:55 | SGW |

ECON 341/2 INTERNATIONAL ECON RELATIONS 3 credits
Prerequisite: ECON 201; ECON 203.

Lec A -T-J-- 13:15-14:30 SGW
Lec 51 -T---- 18:05-20;10 LOY

ECON 341/4 INTERNATIONAL ECON RELATIONS 3 credits
Prerequisite: ECON 201; ECON 203.

Lec 52 -M---- 19:00-21:05 LOY

ECON 351/3 ECONOMIC HISTORY OF CANADA 6 credits
Prerequisite: ECON 201; ECON 203.

Lec A -T-J-- 10:15-11:30 SGW

ECON 361/2 INDUSTRIAL ORGANIZATION 3 credits
Prerequisite: ECON 201; ECON 203.

Lec A -T-J-- 10:15-11:30 SGW

ECON 361/4 INDUSTRIAL ORGANIZATION 3 credits
prerequisite: ECON 201; ECON 203.

Lec 51 --W--- 19:00-21:05 LOY

ECON 362/4 ECONOMICS OF THE FIRM 3 credits
Prerequisite: ECON 201; ECON 222 or DESC 244.

Lec A -T-J-- 16:15-17:30 SGW

ECON 363/2 ECONOMICS OF TECH. CHANGE 3 credits
Prerequisite: ECON 201; ECON 203.

Lec AA M----- 16:05-17:55 SGW

ECON 377/4 THE CHINESE ECONOMY 3 credits
Prerequsite: ECON 201; ECON 203.

Lec 01 M-W--- 16:15-17:30 LOY

ECON 381/2 LABOUR ECONOMICS I 3 credits
Prerequisite: ECON 201; ECON 203.

Lec 01 -T-J-- 14:45-16:00 LOY
Lec AA -T---- 18:05-20:10 SGW

ECON 382/2 INDUSTRIAL RELATIONS I 3 credits
Prerequisite: ECON 201; ECON 203.

Lec 51 -T---- 18:05-20:10 LOY

ECON 383/4 INDUSTRIAL RELATIONS II 3 credits
Prerequisite: ECON 382.

Lec 51 -T---- 18:05-20:10 LOY

ECON 391/2 ECNOMICS OF THE ENVIRONMENT 3 credits
Prerequisite: ECON 201; ECON 203.

Lec AA -T---- 16:05-17:55 SGW



ECON 392/2 URBAN ECONOMICS 3 credits
Prerequisite: ECON 201; ECON 203.

Lec AA M----- 16:05-17:55 SGW

ECON 396/4 NATURAL RESOURCE ECONOMICS 3 credits
Prerequisite: ECON 201; ECON 203.

Lec AA -T--- 16:05-17:55 SGW

ECON 397/4 ECONOMICS OF DISCRIMINATION 3 credits
Prerequisite: ECON 201;203.

Lec AA --W--- 20:25=22:30 SGW

ECON 401/2 ADV MICROECONOMIC THEORY 3 credits
Prerequisite: ECON 301; ECON 302; ECON 325; ECON 326.

Lec 01 -T-J-- 13:15-14:30 LOY

ECON 401/4 ADV MICROECONOMIC THEORY 3 credits
Prerequisite: ECON 301; ECON 302; ECON 325; ECON 326.

Lec AA --W--- 18:05-20:10 SGW

ECON 403/2 ADV MACROECONOMIC THEORY 3 credits
Prerequisite: ECON 303; ECON 304; ECON 325, 326.

Lec AA --W--- 18:05-20:10 SGW

ECON 403/4 ADV MACROECONOMIC THEORY 3 credits
Prerequisite: ECON 303; ECON 304; ECON 325. 326.

Lec 01 -T-J-- 13:15-14:30 LOY

ECON 408/3 HISTORY OF ECONOMIC THOUGHT 3 credits
Prerequisite: ECON 301; ECON 302; ECON 303, 304.

Lec 01 -T-J-- 14:45-16:00 LOY

ECON 421/2 ECONOMETRICS I 3 credits
Prerequisite: ECON 221; ECON 222; ECON 325, 326.

Lec 01 M-W--- 13:15-14:30 LOY
Lec AA ---J-- 16:05-20:10 SGW

ECON 422/4 ECONOMETRICS II 3 credits
Prerequisite: ECON 421.

Lec 01 M-W--- 13:15-14:30 LOY
Lec AA ---J-- 18:05-20:10 SGW

ECON 425/2 MATHEMATICAL ECONOMICS I 3 credits
Prerequisite: ECON 301; ECON 302; ECON 303; ECON 304;
ECON 325, 326.

Lec AA --W--- 16:05-17:55 SGW

ECON 432/4 ADV MONETARY THEORY 3 credits
Prerequisite: ECON 302; ECON 302; ECON 303; ECON 304, 331.

Lec 01 M-W--- 13:15-14:30 LOY

ECON 442/2 INT ECONOMICS: TRADE THEORY 3 credits
Prerequisite: ECON 301; ECON 302.

Lec A M-W--- 14:45-16:00 SGW
Lec 01 -T-J-- 14:45-16:00 LOY
Lec 02 -T-J-- 11:45-13:00 LOY

ECON 442/4 INT ECONOMICS: TRADE THEORY 3 credits
Prerequisite: ECON 301; ECON 302.

Lec 51 --W--- 19:00-21:05 LOY

ECON 443/2 INT ECONOMICS:FINANCE 3 credits
Prerequisite: ECON 303; ECON 304.

Lec 51 --W-- 19:00-21:05 LOY

ECON 443/4 INT ECONOMICS:FINANCE 3 credits
Prerequisite: ECON 303; ECON 304.

Lec A M-W--- 14:45-16:00 SGW
Lec 01 -T-J-- 14:45-16:00 LOY
Lec AA M----- 18:05-20:10 SGW

ECON 461/2 INDUSTRIAL ECONOMICS 3 credits
Prerequisite: ECON 221; ECON 222; ECON 301, 302.

Lec A -T-J--- 16:15-17:30 SGW

ECON 462/4 THE CORPORATE ECONOMY 3 credits
Prerequisite: ECON 214; ECON 222; ECON 301; ECON 303 or FINA 315.

Lec A -T-J--- 16:15-17:30 SGW

ECON 481/4 LABOUR ECONOMICS II 3 credits
Prerequisite: ECON 301; ECON 302; ECON 303; ECON 304; ECON 381.

Lec 01 -T-J-- 14:45-16:00 LOY

ECON 493/4 REGIONAL ECONOMICS 3 credits
prerequisite: ECON 301; ECON 302; ECON 303;ECON 304.

Lec AA M---- 16:05-17:55 SGW

ECON 495/2 ECON-TRANSPORT & COMMUNICAT 3 credits
Prerequisite: ECON 301; ECON 302.

Lec 51 -T---- 18:05-20:10 LOY

ECON 497/4 INCOME DIST./ECON. INEQUALITY 3 credits
Prerequisite: ECON 301; ECON 302; ECON 303, 304.

Lec 01 -T-J-- 10:15-11:30 LOY